

| Project Title | Funding | Strategic Plan Objective | Institution |
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| Development of a Prospective Video-Based Measure to Identify ASD Risk in Infancy | \$465,547 | Q1.S.B | University of California, Davis |
| Development of a Prospective Parent Report Measure to Identify ASD Risk in Infancy | \$150,000 | Q1.S.B | University of California, Davis |
| Early Identification of ASD: Translating Eye Tracking into Practice | \$373,818 | Q1.S.B | University of California, San Diego |
| Neurobehavioral Analysis Core | \$126,038 | Q1.S.B | University of California, Davis |
| DETECTION OF ASD AT THE 1ST BIRTHDAY AS STANDARD OF CARE: THE GET SET EARLY MODEL | \$1,107,043 | Q1.S.D | University of California, San Diego |
| A functional near-infrared spectroscopy study of first signs of autism | \$61,232 | Q1.L.A | Stanford University |
| Development of a blood-based biomarker for autism | \$124,993 | Q1.L.A | University of California, San Francisco |
| Neural assays and longitudinal assessment of infants at very high risk for ASD | \$185,656 | Q1.L.A | University of California, Los Angeles |
| Epigenetic biomarkers of autism in human placenta | \$0 | Q1.L.A | University of California, Davis |
| Predicting the Decline of Social Attention in Infants at Risk for Autism | \$176,818 | Q1.L.A | University of California, Los Angeles |
| GENETIC AND DIAGNOSTIC BIOMARKER DEVELOPMENT IN ASD TODDLERS USING RESTING STATE FUNCTIONAL MRI | \$0 | Q1.L.B | University of California, San Diego |
| Brain Imaging and Cell Signaling: Insights into the Biology of Autism | \$124,999 | Q1.L.B | The Regents of the University of California, San Francisco (Contracts & Grants) |
| Collaborative research: Computational behavioral science: Modeling, analysis, and visualization of social and communicative behavior | \$0 | Q1.L.B | University of Southern California |
| 3/5-The Autism Biomarkers Consortium for Clinical Trials | \$709,293 | Q1.L.B | University of California, Los Angeles |
| Neural Predictors of Language Function After Intervention in Children with Autism | \$181,319 | Q1.L.B | University of California, Los Angeles |
| Undergraduate Research Award | \$3,000 | Q1.L.B | University of California, Santa Barbara |
| EEG biomarkers of language and literacy abilities in minimally verbal children with ASD | \$54,400 | Q1.L.B | University of California, Los Angeles |
| Expressive Language Sampling as an Outcome Measure in ASD | \$124,985 | Q1.L.C | The Regents of the University of California (Davis) |
| Developing Scalable Measures of Behavior Change for ASD Treatments- Project 3 | \$70,914 | Q1.L.C | University of Southern California |
| DETECTING THE TRANSFER OF MATERNAL ANTIBODIES INTO THE FETAL RHESUS MONKEY BRAIN | \$233,500 | Q2.S.A | University of California, Davis |
| Altered placental tryptophan metabolism: A crucial molecular pathway for the fetal programming of neurodevelopmental disorders | \$0 | Q2.S.A | University of Southern California |
| Synergy between genetic risk and placental vulnerability to immune events | \$250,874 | Q2.S.A | Stanford University |
| GABRB3 and Placental Vulnerability in ASD | \$581,537 | Q2.S.A | STANFORD UNIVERSITY |
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| The mechanism of the maternal infection risk factor for autism | \$0 | Q2.S.A | California Institute of Technology |
| Project 3: Immune Environment Interaction and Neurodevelopment | \$107,931 | Q2.S.A | University of California, Davis |
| Intra-Prenatal Origins of Neurometabolic Consequences | \$319,550 | Q2.S.A | University of California, Los Angeles |
| Immune signaling in the developing brain in mouse models of ASD | \$200,000 | Q2.S.A | University of California, Davis |
| Neural Phenotypes of Females with Autism Spectrum Disorder | \$675,236 | Q2.S.B | University of California, Davis |
| Neural Phenotypes of Females with Autism Spectrum Disorder | \$173,011 | Q2.S.B | University of California, Davis |
| Behavioral, Cognitive, and Neural Signatures of Autism in Girls: Towards Big Data Science in Psychiatry | \$30,000 | Q2.S.B | Stanford University |
| Sexually dimorphic gene-expression and regulation to evaluate ASD sex bias | \$125,000 | Q2.S.B | University of California, San Francisco |
| Language Development in Fragile X Syndrome | \$495,501 | Q2.S.D | University of California, Davis |
| Rapid screening for cortical circuit dysfunction in autism-related mouse models | \$0 | Q2.S.D | University of California, Berkeley |
| BDNF and the Restoration of Synaptic Plasticity in Fragile X and Autism | \$455,630 | Q2.S.D | University of California, Irvine |
| Genotype-Phenotype Relationships in Fragile X Families | \$633,789 | Q2.S.D | University of California, Davis |
| Longitudinal MRI Study of Brain Development in Fragile X | \$769,619 | Q2.S.D | STANFORD UNIVERSITY |
| Cortactin and Spine Dysfunction in Fragile X | \$33,763 | Q2.S.D | University of California, Irvine |
| Neurobiology of Rai1, a critical gene for syndromic ASDs | \$87,500 | Q2.S.D | The Board of Trustees of the Leland Stanford Junior University (Stanford) |
| Illuminating the role of glia in a zebrafish model of Rett syndrome | \$62,500 | Q2.S.D | The Regents of the University of California, San Diego |
| Mechanisms underlying word learning in fragile X syndrome and nonsyndromic ASD | \$156,333 | Q2.S.D | University of California, Davis |
| Linking circuit dynamics and behavior in a rat model of autism | \$0 | Q2.S.D | University of California, San Francisco |
| THE ROLE OF MECP2 IN RETT SYNDROME | \$356,699 | Q2.S.D | University of California, Davis |
| BAZ1B Haploinsufficiency and the Neuro-phenotypes of Williams Syndrome | \$59,000 | Q2.S.D | The Regents of the University of California, Santa Barbara |
| Effects of Social Gaze Training on Brain and Behavior in Fragile X Syndrome | \$352,066 | Q2.S.D | STANFORD UNIVERSITY |
| Dissecting the 16p11.2 CNV endophenotype in induced pluripotent stem cells | \$54,400 | Q2.S.D | University of California, San Francisco |
| Investigating the role of Tsc1 in neocortical circuit assembly | \$52,406 | Q2.S.D | STANFORD UNIVERSITY |

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| Sleep Disordered Breathing, Microparticles and Proinflammation in ASD | \$60,000 | Q2.S.E | Stanford University |
| Direct Recordings from the Brain in Autism | \$60,000 | Q2.S.E | California Institute of Technology |
| Direct recording from autism brains | \$0 | Q2.S.E | California Institute of Technology |
| Investigating Autism with Direct Intracranial Recordings | \$35,000 | Q2.S.E | California Institute of Technology |
| Shared and Distinct Developmental Pathways to ADHD and Autism Spectrum Disorder | \$82,062 | Q2.S.E | University of California, Davis |
| Neuroimaging signatures of autism: Linking brain function to genes and behavior | \$190,558 | Q2.S.G | University of California, Los Angeles |
| Simons Variation in Individuals Project (VIP) Functional Imaging Site | \$385,668 | Q2.S.G | University of California, San Francisco |
| A gene-driven systems approach to identifying autism pathology | \$998,627 | Q2.S.G | University of California, San Francisco |
| Genetic and genomic analyses to connect genes to brain to cognition in ASD | \$253,652 | Q2.S.G | University of California, Los Angeles |
| A computational framework for predicting the impact of mutations in autism | \$431,352 | Q2.S.G | University of California, San Diego |
| Assessing the Cognitive Deficits Associated with 16p11.2 Deletion Syndrome | \$0 | Q2.S.G | Posit Science Corporation |
| Identification and validation of genetic variants which cause the Autism Macrocephaly subphenotype | \$29,500 | Q2.S.G | University of California, Los Angeles |
| Neurophenotypic Trajectories and Behavioral Outcomes in Autism Spectrum Disorder | \$770,599 | Q2.L.A | University of California, Davis |
| Predictors of Cognitive Development in Autism Spectrum Disorder | \$504,641 | Q2.L.A | University of California, Davis |
| Multimodal Imaging of Early Neural Signature in Autism Spectrum Disorder | \$392,186 | Q2.L.A | SAN DIEGO STATE UNIVERSITY |
| The Autistic Brain Over 45: The Anatomic, Functional, and Cognitive Phenotype | \$771,520 | Q2.L.A | SAN DIEGO STATE UNIVERSITY |
| Decoding Affective Prosody and Communication Circuits in Autism | \$281,028 | Q2.L.B | Stanford University |
| Using fMRI to understand the Neural Mechanisms of Pivotal Response Treatment | \$0 | Q2.L.B | University of California, Santa Barbara |
| Imaging-based real-time feedback to enhance therapeutic intervention in ASD | \$0 | Q2.L.B | Stanford University |
| Undergraduate Research Award | \$0 | Q2.L.B | SAN DIEGO STATE UNIVERSITY |
| Social Motivations and Striatal Circuit Development in Children and Adolescents with Autism | \$0 | Q2.L.B | Stanford University |
| The neurobiological basis of heterogeneous social and motor deficits in ASD | \$464,220 | Q2.Other | University of Southern California |
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| Parameterizing Neural Habituation in ASD with Sensory Overresponsivity | \$62,479 | Q2.Other | The Regents of the University of California, Los Angeles |
| Atypical architecture of prefrontal cortex in young children with autism | \$0 | Q2.Other | University of California, San Diego |
| Neural basis of cross-modal influences on perception | \$0 | Q2.Other | University of California, San Diego |
| FUNCTION OF NEUREXINS | \$716,276 | Q2.Other | STANFORD UNIVERSITY |
| Modeling multiple heterozygous genetic lesions in autism using Drosophila melanogaster | \$101,373 | Q2.Other | University of California, Los Angeles |
| Inhibitory mechanisms for sensory map plasticity in cerebral cortex. | \$326,282 | Q2.Other | University of California, Berkeley |
| Axonal Ultrastructure of Temporal White Matter in Autism | \$78,250 | Q2.Other | University of California, Davis |
| Typical and Pathological Cellular Development of the Human Amygdala | \$385,000 | Q2.Other | University of California, Davis |
| Cell-specific molecular mechanisms underlying brain pathology in ASD | \$274,021 | Q2.Other | University of California, Davis |
| CHARACTERIZATION OF OXYTOCIN RECEPTORS IN AUTISM SPECTRUM DISORDER | \$220,839 | Q2.Other | University of California, Davis |
| Biology of Non-Coding RNAs Associated with Psychiatric Disorders | \$416,433 | Q2.Other | University of Southern California |
| Identification of genetic pathways that regulate neuronal circuits in C. elegans | \$54,194 | Q2.Other | University of California, San Diego |
| CLARITY: circuit-dynamics and connectivity of autism-related behavior | \$246,539 | Q2.Other | Stanford University |
| Multimodal Imaging of Social Brain Networks in ASD | \$149,499 | Q2.Other | SAN DIEGO STATE UNIVERSITY |
| Dual modulators of GABA-A and Alpha7 nicotinic receptors for treating autism | \$0 | Q2.Other | University of California, Irvine |
| A functional genomic analysis of the cerebral cortex | \$0 | Q2.Other | University of California, Los Angeles |
| High content assays for cellular and synaptic phenotypes | \$462,191 | Q2.Other | University of California, San Diego |
| Quantitative Measurements of Cortical Excitability in Neurodevelopmental Disorder | \$237,250 | Q2.Other | STANFORD UNIVERSITY |
| Translational dysregulation of the RhoA pathway in autism | \$125,605 | Q2.Other | The Regents of the University of California, San Diego |
| Protein network of high risk copy number variants for psychiatric disorders | \$193,750 | Q2.Other | University of California, San Diego |
| Function and Structure Adaptations in Forebrain Development | \$678,394 | Q2.Other | CHILDREN'S HOSPITAL OF LOS ANGELES |
| Mechanisms of Autonomic Brainstem Development | \$202,500 | Q2.Other | CHILDREN'S HOSPITAL OF LOS ANGELES |
| fMRI and EEG approaches to the resting state in ASD | \$190,411 | Q2.Other | SAN DIEGO STATE UNIVERSITY |
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| Integrity and Dynamic Processing Efficiency of Networks in ASD | \$641,036 | Q2.Other | SAN DIEGO STATE UNIVERSITY |
| Project 4: Calcium Signaling Defects in Autism (Pessah/Lein) | \$107,518 | Q2.Other | University of California, Davis |
| Transcriptional Regulators in Normal Human Brain Development and Autism | \$21,100 | Q2.Other | University of California, Los Angeles |
| Delineating the role of Ras/MAPK signaling in 16p11.2 phenotypes | \$125,000 | Q2.Other | The Regents of the University of California, San Francisco (Contracts & Grants) |
| Abnormal connectivity in autism | \$0 | Q2.Other | University of California, Los Angeles |
| Cellular Density and Morphology in the Autistic Temporal Human Cerebral Cortex | \$365,795 | Q2.Other | University of California, Davis |
| Mathematical Cognition in Autism: A Cognitive and Systems Neuroscience Approach | \$605,511 | Q2.Other | STANFORD UNIVERSITY |
| Single-cell approaches to deconvolution of disease-associated signals | \$817,969 | Q2.Other | University of California, San Diego |
| Genomics Core | \$142,154 | Q2.Other | University of California, San Diego |
| Interrogating Synaptic Transmission in Human Neurons | \$30,000 | Q2.Other | Stanford University |
| Heparan sulfate in neurophysiology and neurological disorders | \$449,744 | Q2.Other | SANFORD-BURNHAM MEDICAL RESEARCH INSTIT |
| Role of Autism Susceptibility Gene, TAOK2 kinase, and its novel substrates in Synaptogenesis | \$120,904 | Q2.Other | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO |
| An investigation of inductive learning in autism | \$59,770 | Q2.Other | The Regents of the University of California, Berkeley |
| Induced neuronal cells: A novel tool to study neuropsychiatric diseases | \$680,862 | Q2.Other | STANFORD UNIVERSITY |
| Explore the pathogenic role of mTor signaling in chr16p11.2 microdeletion | \$60,000 | Q2.Other | CHILDREN'S HOSPITAL OF LOS ANGELES |
| Brain Systems Underlying Episodic Memory for Social Stimuli in Childhood Autism | \$126,252 | Q2.Other | STANFORD UNIVERSITY |
| Gaining insight into psychiatric disease by engineering piece by piece the human brain in vitro. | \$496,813 | Q2.Other | STANFORD UNIVERSITY |
| Reproducible protocols for robust cortical neuron and astroglial differentiation | \$500,132 | Q2.Other | University of California, San Diego |
| Dissecting neural mechanisms integrating multiple inputs in C. elegans | \$485,000 | Q2.Other | SALK INSTITUTE FOR BIOLOGICAL STUDIES |
| Role of Neurexin in Synapse Formation and Maintenance | \$59,966 | Q2.Other | STANFORD UNIVERSITY |
| Optogenetic treatment of social behavior in autism | \$60,236 | Q2.Other | University of California, Los Angeles |
| Optogenetic treatment of social behavior in autism | \$385,000 | Q2.Other | University of California, Los Angeles |
| Regulation of Interneuron Development in the Cortex and Basal Ganglia by Coup-TF2 | \$30,000 | Q2.Other | University of California, San Francisco |

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| A Role for Cytoplasmic Rbfox1/A2BP1 in Autism | \$30,000 | Q2.Other | University of California, Los Angeles |
| Refining the Tourette Syndrome phenotype across diagnoses to aid gene discovery | \$299,537 | Q2.Other | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO |
| a-Actinin Regulates Postsynaptic AMPAR Targeting by Anchoring PSD-95 | \$15,000 | Q2.Other | University of California, Davis |
| Investigating role of neurexin-1 mutation in autism using human induced neurons | \$56,042 | Q2.Other | STANFORD UNIVERSITY |
| Brain Systems Supporting Learning and Memory in Children with Autism | \$170,779 | Q2.Other | STANFORD UNIVERSITY |
| Alterations of the human brain structural connectome in preschool aged children with ASD | \$30,000 | Q2.Other | University of California, Davis |
| Prefrontal corticothalamic circuits in autism | \$178,646 | Q2.Other | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO |
| Variation in Neuroligin Concentration and Presynaptic Functional Development | \$237,438 | Q2.Other | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO |
| TSC/mTOR Signaling in Adult Hippocampal Neurogenesis: Impact on Treatment and Behavioral Models of Autism Spectrum Disorders in Mice | \$7,769 | Q2.Other | University of California, Los Angeles |
| The Interplay Between Human Astrocytes and Neurons in Psychiatric Disorders | \$25,000 | Q2.Other | University of California, San Diego |
| Signaling Pathways that Regulate Excitatory-inhibitory Balance | \$30,000 | Q2.Other | University of California, San Diego |
| PHENOTYPING ASTROCYTES IN HUMAN NEURODEVELOPMENTAL DISORDERS | \$386,607 | Q2.Other | STANFORD UNIVERSITY |
| Decoding Neural Systems Underlying Affective Prosody in Children with Autism | \$175,960 | Q2.Other | STANFORD UNIVERSITY |
| 2/4-The Autism Sequencing Consortium: Autism gene discovery in >20,000 exomes | \$415,893 | Q3.S.A | BROAD INSTITUTE, INC. |
| An exploration of genetic and behavioral variables in Autism Spectrum Disorder | \$18,200 | Q3.S.A | Center for Autism and Related Disorders (CARD) |
| 4/4 The Autism Sequencing Consortium: Autism gene discovery in the >20,000 exomes (supplement) | \$919,964 | Q3.S.A | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO |
| 4/4 The Autism Sequencing Consortium: Autism gene discovery in >20,000 exomes | \$676,656 | Q3.S.A | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO |
| Rapid Phenotyping for Rare Variant Discovery in Autism | \$453,878 | Q3.S.A | University of California, Los Angeles |
| Uncovering the Spectrum of De Novo Mutation in Autism through Whole Genome Sequencing | \$35,000 | Q3.S.A | University of California, San Diego |
| Dosage effects of 22q11 region on autism-relevant neural systems | \$0 | Q3.S.A | University of California, Los Angeles |
| Air pollution, MET genotype and ASD risk: GxE Interaction in the EMA Study | \$0 | Q3.S.C | Kaiser Permanente |
| The Role of Germline Mutation and Parental Age in Autism Spectrum Disorders | \$1,096,329 | Q3.S.C | University of California, San Diego |

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| The Role of Germline Mutation and Parental Age in Autism Spectrum Disorders | \$155,989 | Q3.S.C | University of California, San Diego |
| Role of pre-natal Vitamin D and gene interactions in Autism Spectrum Disorders; leveraging an existing case-control study | \$322,090 | Q3.S.C | SEQUOIA FOUNDATION |
| Perinatal exposure to airborne pollutants and associations with autism phenotype | \$0 | Q3.S.C | University of Southern California |
| Autism Risk, Prenatal Environmental Exposures, and Pathophysiologic Markers | \$1,798,242 | Q3.S.C | University of California, Davis |
| THE CHARGE STUDY: CHILDHOOD AUTISM RISKS FROM GENETICS AND THE ENVIRONMENT | \$1,106,052 | Q3.S.C | University of California, Davis |
| THE CHARGE STUDY: CHILDHOOD AUTISM RISKS FROM GENETICS AND THE ENVIRONMENT | \$82,158 | Q3.S.C | University of California, Davis |
| THE CHARGE STUDY: CHILDHOOD AUTISM RISKS FROM GENETICS AND THE ENVIRONMENT | \$56,116 | Q3.S.C | University of California, Davis |
| Autism Genetics, Phase II: Increasing Representation of Human Diversity | \$2,715,972 | Q3.S.D | University of California, Los Angeles |
| Novel Proteomics Approach to Oxidative Posttranslational Modifications Underlying Anxiety and Autism Spectrum Disorders | \$32,930 | Q3.S.E | SANFORD-BURNHAM MEDICAL RESEARCH INSTIT |
| Prenatal Exposure to Phthalates in a High-Risk ASD Pregnancy Cohort | \$313,000 | Q3.S.F | University of California, Davis |
| Pesticide Exposure and Childhood Autism | \$222,763 | Q3.S.F | University of California, Los Angeles |
| The impact of maternal inflammation during pregnancy on placental tryptophan metabolism, and the downstream consequences on fetal brain development | \$0 | Q3.S.F | University of Southern California |
| Prospective Evaluation of Air Pollution, Cognition, and Autism from Birth Onward | \$6,676 | Q3.S.H | University of Southern California |
| Maternal Diabetes during Pregnancy and Neurodevelopment in the Offspring | \$145,987 | Q3.S.H | University of California, Los Angeles |
| Autism Metabolomics and Environment (AIME) | \$244,232 | Q3.S.H | University of California, Los Angeles |
| Air Pollution and Autism in Denmark | \$195,216 | Q3.S.H | University of California, Los Angeles |
| Childhood Autism and Air Pollution - A Statewide Study | \$206,175 | Q3.S.H | University of California, Los Angeles |
| Detection of clostridium perfringens toxins in the gut flora of autistic children | \$25,000 | Q3.S.I | VA Medical Center, Los Angeles |
| Investigating the Gut Microbiome for Novel Therapies and Diagnostics for Autism | \$558,136 | Q3.S.I | CALIFORNIA INSTITUTE OF TECHNOLOGY |
| Epigenetic and Transcriptional Dysregulation in Autism Spectrum Disorder | \$164,472 | Q3.S.J | University of California, Los Angeles |
| Methylomic and genomic impacts of organic pollutants in Dup15q syndrome | \$407,053 | Q3.S.J | University of California, Davis |
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| Project 2: Perinatal Epigenetic Signature of Environmental Exposure | \$103,803 | Q3.S.J | University of California, Davis |
| Epigenetic regulation of social impairments and treatment response in autism | \$240,750 | Q3.S.J | STANFORD UNIVERSITY |
| Environmental contribution to neuronal-methylome dynamics in animal models of autism spectrum disorders | \$685,424 | Q3.S.J | SALK INSTITUTE FOR BIOLOGICAL STUDIES |
| Functional Outcomes of Interactions between an ASD-Relevant Gene and Air Pollution | \$195,625 | Q3.S.K | University of California, Davis |
| Determining a potential causal link between the human microbiome and autism symptoms | \$59,700 | Q3.S.K | California Institute of Technology |
| PCBs interact with mTOR signaling to disrupt neuronal connectivity in zebrafish | \$56,042 | Q3.S.K | University of California, Davis |
| Undergraduate Research Award | \$3,000 | Q3.S.K | Stanford University |
| Molecular genetic dissection of amygdala microcircuitry controlling decision-making | \$416,875 | Q3.S.K | CALIFORNIA INSTITUTE OF TECHNOLOGY |
| Gene by Environment Influences on Forebrain Development | \$29,500 | Q3.S.K | University of Southern California |
| Folic Acid Prevention Pathways for ASD in High Risk Families | \$637,260 | Q3.L.A | University of California, Davis |
| ASD Family Biobank Program | \$0 | Q3.L.B | Kaiser Foundation Research Institute |
| Mutations in noncoding DNA and the missing heritability of autism | \$244,030 | Q3.L.B | University of California, San Diego |
| Validation of candidate ASD genes by targeted sequencing with molecular inversion probes | \$101,258 | Q3.L.B | The Regents of the University of California, San Francisco (Contracts & Grants) |
| Extending ASD risk locus discovery to the non-coding genome - Core | \$0 | Q3.L.B | The Regents of the University of California, San Francisco (Contracts & Grants) |
| Simons Simplex Collection support grant | \$13,200 | Q3.L.B | University of California, Los Angeles |
| Illumina, Inc. | \$0 | Q3.L.B | Illumina, Inc. |
| Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - California | \$900,000 | Q3.L.D | Kaiser Foundation Research Institute |
| Project 1: Epidemiology and the Environment in Autism (Hertz-Picciotto) | \$144,203 | Q3.L.D | University of California, Davis |
| The Roles of Environmental Risks and GEX in Increasing ASD Prevalence | \$523,986 | Q3.L.D | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO |
| The Roles of Environmental Risks and GEX in Increasing ASD Prevalence | \$450,208 | Q3.L.D | UNIVERSITY OF CALIFORNIA, SAN FRANCISCO |
| The UC Davis Center for Children's Environmental Health and Disease Prevention | \$343,850 | Q3.L.D | University of California, Davis |
| Grandparental Exposures and Risk of Autism in the Third Generation | \$375,781 | Q3.L.D | Public Health Institute, Oakland, CA |
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| Targeting Environment and Neuro-Developmental Risks-2nd Workshop | \$20,000 | Q3.Other | University of California, Davis |
| Dissemination of Early Life Exposure Assessment Tool (ELEAT) | \$58,478 | Q3.Other | University of California, Davis |
| Discovery and Functional Characterization of Gene Regulatory Networks (GRNs) of Autism Risk Genes | \$59,900 | Q3.Other | CHILDREN'S HOSPITAL OF LOS ANGELES |
| Exploring the Intersection of Autism and Homeostatic Synaptic Plasticity | \$60,000 | Q3.Other | The Regents of the University of California, San Francisco (Contracts & Grants) |
| 1/3 Treatment of Anxiety in Autism Spectrum Disorder | \$218,092 | Q4.S.A | University of California, Los Angeles |
| Pre-clinical evaluation of oxytocin for ASD treatment discovery | \$244,898 | Q4.S.B | University of California, Davis |
| Investigating Wnt signaling variants in mouse models of ASD | \$0 | Q4.S.B | University of California, San Francisco |
| Investigations of a Proposed Molecular Feedback Loop in Cortical Neurons in Psychiatric Pathogenesis | \$25,000 | Q4.S.B | University of California, San Francisco |
| Characterization of brain and behavior in 7q11.23 duplication syndrome-Project 1 | \$103,684 | Q4.S.B | University of California, Davis |
| 16p11.2 deletion mice: autism-relevant phenotypes and treatment discovery | \$0 | Q4.S.B | University of California, Davis |
| Preclinical Autism Consortium for Therapeutics (PACT) | \$0 | Q4.S.B | University of California, Davis |
| Neurologin function in the prefrontal cortex and autism pathogenesis | \$250,000 | Q4.S.B | Stanford University |
| Formation and Function of Circuitry for Vocal Learning | \$361,456 | Q4.S.B | University of California, Los Angeles |
| Testing brain overgrowth and synaptic models of autism using NPCs and neurons from patient-derived iPS cells | \$0 | Q4.S.B | University of California, San Francisco |
| Comparison of cortical circuit dysfunction in ASD model mice | \$62,500 | Q4.S.B | The Regents of the University of California, Berkeley |
| Microcircuit endophenotypes for autism | \$62,500 | Q4.S.B | University of California, San Francisco |
| Effects of Chronic Intranasal Oxytocin | \$1,105,938 | Q4.S.B | University of California, Davis |
| Testing brain overgrowth and synaptic models of autism using NPCs and neurons from patient-derived iPS cells | \$0 | Q4.S.B | Salk Institute for Biological Studies |
| Role of Caspr2 (CNTNAP2) in brain circuits - Project 2 | \$0 | Q4.S.B | University of California, Los Angeles |
| Biomarker discovery for low sociability: A monkey model | \$62,500 | Q4.S.B | Stanford University |
| Detecting and Treating Social Impairments in a Monkey Model | \$146,468 | Q4.S.B | Stanford University |
| In vivo approach to screen ASD allele functions in cortical interneurons | \$125,000 | Q4.S.B | University of California, San Francisco |
| Neural mechanisms of social reward in mouse models of autism | \$249,994 | Q4.S.B | Stanford University |
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| Exploring VIPR2 microduplication linkages to autism in a mouse model | \$42,000 | Q4.S.B | University of California, Los Angeles |
| Behavioral evaluation of a novel autism mouse model | \$0 | Q4.S.B | Shriners Hospitals for Children - Northern California |
| Endocannabinoid Enhancement of Sociability in Autism-related Mouse Models | \$0 | Q4.S.B | University of California, Irvine |
| Analysis of autism-associated alleles in C. elegans | \$108,061 | Q4.S.B | California Institute of Technology |
| Scalable technologies for genome engineering in hiPSCs | \$341,000 | Q4.S.B | University of California, San Diego |
| The Role of Cation/Proton Exchanger NHE9 in Autism | \$125,000 | Q4.S.B | University of California, San Francisco |
| Electrophysiological consequences of SCN2A mutations found in ASD | \$60,000 | Q4.S.B | The Regents of the University of California, San Francisco (Contracts & Grants) |
| Linking cortical circuit dysfunction and abnormal behavior in genetic mouse models of autism | \$268,210 | Q4.S.B | University of California, Los Angeles |
| Chromatin remodeling in autism | \$250,000 | Q4.S.B | Stanford University |
| How do autism-related mutations affect basal ganglia function? | \$125,000 | Q4.S.B | University of California, Berkeley |
| Pivotal Response Treatment Package for Young Children with Autism | \$198,618 | Q4.S.C | STANFORD UNIVERSITY |
| Using eLearning to train educational staff to implement paired-choice preference assessments | \$12,000 | Q4.S.C | Center for Autism and Related Disorders (CARD) |
| Intervention effects of intensity and delivery style for toddlers with ASD | \$2,594,565 | Q4.S.D | University of California, Davis |
| Strengthening the effects of parent-implemented early intervention to improve symptoms of ASD | \$254,491 | Q4.S.D | University of California, Davis |
| Examining the efficacy of classroom pivotal response teaching in classroom environments | \$570,210 | Q4.S.D | Rady Children's Hospital Health Center |
| Autism Intervention Research Network on Behavioral Health (AIR-B network) | \$1,999,997 | Q4.S.D | University of California, Los Angeles |
| Implementing an emergent literacy program for students with intellectual disabilities and autism in general education classrooms | \$777,147 | Q4.S.D | San Francisco State University |
| Identifying markers for treatment response to cognitive training in autism spectrum disorders | \$0 | Q4.S.F | University of California, Davis |
| Adaptive Interventions for Minimally Verbal Children with ASD in the Community | \$2,553,473 | Q4.S.G | University of California, Los Angeles |
| SBIR Phase I: Say What I Feel | \$149,964 | Q4.S.G | iTherapy LLC |
| Physical Exercise to Reduce Anxiety in Underserved Children with ASD | \$40,374 | Q4.S.H | University of California, Irvine |
| Clinical Trial of Suramin to Treat Autism | \$100,000 | Q4.L.A | University of California, San Diego |
| Randomized controlled trial of oxytocin treatment for social deficits in children with autism | \$0 | Q4.L.A | Stanford University |

| Project Title | Funding | Strategic Plan Objective | Institution |
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| Randomized Controlled Pilot Trial of Pregnenolone in Autism | \$0 | Q4.L.A | Stanford University |
| Augmenting language interventions for ASD: A translational approach | \$280,788 | Q4.L.A | University of California, Los Angeles |
| A Controlled Trial of Sertraline in Young Children with ASD | \$300,000 | Q4.L.A | University of California, Davis |
| Targeting joint engagement in infants at risk for ASD: Integrating treatment wit | \$281,397 | Q4.L.B | University of California, Los Angeles |
| Response Heterogeneity to GI Treatment, Autism Symptom and Improved Oxidative Stress | \$0 | Q4.L.C | CHILDREN'S HOSPITAL OF LOS ANGELES |
| A Comparative Analysis of Home Versus Center-Based Treatment for Autism Spectrum Disorder | \$34,200 | Q4.L.D | Center for Autism and Related Disorders (CARD) |
| Adapting an Evidence-Based Practice for Children At-Risk for Autism for Diverse Early Intervention Service Systems | \$984,440 | Q4.L.D | The Regents of the University of California |
| Adapting an Evidence-Based Program for Infants and Toddlers at High Risk for Autism | \$410,911 | Q4.L.D | University of California, San Diego |
| Evaluation of group-based implementation of applied behavior analysis | \$0 | Q4.L.D | Center for Autism and Related Disorders (CARD) |
| Improving Cost Effectiveness Through Parent Training | \$0 | Q4.L.D | Center for Autism and Related Disorders (CARD) |
| Cognitive behavioral therapy for core autism symptoms in school-age children | \$0 | Q4.L.D | University of California, Los Angeles |
| Getting SMART about Social and Academic Engagement of Elementary aged students with Autism Spectrum Disorder | \$199,993 | Q4.L.D | University of California, Los Angeles |
| Deployment focused model of JASPER for preschoolers with autism spectrum disorders | \$0 | Q4.L.D | University of California, Los Angeles |
| A peer-facilitated, multi-component social skills intervention for adolescents with ASD | \$9,759 | Q4.L.D | University of California, Santa Barbara |
| Virtual reality applications for the study of attention and learning in children with autism and ADHD | \$399,277 | Q4.L.D | University of California, Davis |
| Factors associated with positive outcomes for children and youth with autism: Secondary analysis of data from SEELS and NLTS2 | \$0 | Q4.L.D | SRI International |
| Effectiveness of a virtual coach application in social skills training for teens with ASD | \$0 | Q4.L.D | University of California, Los Angeles |
| An evaluation of a behaviorally based social skills group for young children diagnosed with autism | \$10,000 | Q4.L.D | Autism Partnership Foundation |
| evaluation of effects of intensity and duration on outcomes across treatment domains for children with autism spectrum disorder | \$45,100 | Q4.Other | Center for Autism and Related Disorders (CARD) |
| Intensity and Learning Outcomes in the Treatment of Children with Autism Spectrum Disorder | \$90,860 | Q4.Other | Center for Autism and Related Disorders (CARD) |

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| An Evaluation of the Impact of Supervision Intensity, Supervisor Qualifications, and Caseload on Outcomes in the Treatment of Autism Spectrum Disorder | \$57,000 | Q4.Other | Center for Autism and Related Disorders (CARD) |
| An Evaluation of a Mobile Application Designed to Teach Receptive Language Skills to Children with Autism Spectrum Disorder | \$56,700 | Q4.Other | Center for Autism and Related Disorders (CARD) |
| HCC-Medium: Personalized socially-assistive human-robot interaction: Applications to autism spectrum disorder | \$0 | Q4.Other | University of Southern California |
| Training Community Providers to Implement an Evidence-Based Early Intervention Program | \$0 | Q4.Other | University of California, Davis |
| Wireless EEG System for Training Attention and Eye Movement in ASD | \$256,065 | Q4.Other | University of California, San Diego |
| Treatment of Autism Symptoms in Children (TASC): Initial RCT with Active Control | \$385,000 | Q4.Other | University of California, Los Angeles |
| The use of eye-tracking as an outcome measure for an innovative early social intervention for ASD | \$50,064 | Q4.Other | University of California, Santa Barbara |
| A probiotic therapy for autism | \$250,000 | Q4.Other | California Institute of Technology |
| Exploration of the relationship between race/ethnicity and behavioral co-morbidities and medication treatment in children with autism spectrum disorder | \$16,569 | Q4.Other | CHILDREN'S HOSPITAL OF LOS ANGELES |
| Effectiveness and Implementation of a Mental Health Intervention for ASD | \$746,838 | Q5.L.A | University of California, San Diego |
| Partnership for Research and Dissemination of Evidence-Based Medicine in Autism | \$0 | Q5.L.A | University of Southern California |
| Developing the Autism Model of Implementation for ASD Community Providers | \$185,332 | Q5.L.A | SAN DIEGO STATE UNIVERSITY |
| ASD Advocacy to Action: Planned Partnership of Under-Resourced Families in South Los Angeles | \$85,339 | Q5.L.A | University of California, Los Angeles |
| Optimization of Fidelity Procedures for Pivotal Response Training in Autism | \$292,970 | Q5.L.A | University of California, San Diego |
| EAPSI: Design of augmentative and alternative communication devices for Japanese children with Autism Spectrum Disorder | \$0 | Q5.L.A | Ringland Kathryn E |
| Personnel development to improve services and results for children with disabilities | \$0 | Q5.L.C | SAN DIEGO STATE UNIVERSITY |
| Project Common Ground: Preparing highly qualified speech-language pathologists to meet the communication needs of children with autism spectrum disorder in diverse settings | \$249,661 | Q5.L.C | San Francisco State University |
| Sensory Adapted Dental Environments to Enhance Oral Care for Children | \$632,761 | Q5.L.E | University of Southern California |
| Improving Participation in Dental Care and Oral Health Outcomes for Underserved Children with ASD | \$428,773 | Q5.L.E | University of California, Irvine |

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| Transdisciplinary approaches to autism spectrum disorders | \$0 | Q5.Other | SAN DIEGO STATE UNIVERSITY |
| Project Surfboard: Sustaining Practices by Specialists on Autism Spectrum Disorder | \$249,999 | Q5.Other | SAN DIEGO STATE UNIVERSITY |
| Successful transition in the early school years for children with autism | \$0 | Q5.Other | University of California, Riverside |
| Training & research for autism & collaboration in kinesiology | \$250,000 | Q5.Other | Chico Research Foundation |
| Transitioning Pediatric Patients with ASD to Adult Care | \$0 | Q6.S.A | Kaiser Permanente |
| Predictors of success in postsecondary STEM education and employment for students with autism | \$0 | Q6.S.A | SRI International |
| Supported Employment, Cognitive Enhancement, Social Skills Program for ASD Adult | \$261,772 | Q6.L.A | Rady Children's Hospital Health Center |
| MCH Health Care Transitions Research Network (HCT-RN) for Youth and Young Adults with Autism Spectrum Disorders (ASD) | \$300,000 | Q6.Other | University of California, Los Angeles |
| Biological Analysis Core | \$121,537 | Q7.J | University of California, Davis |
| Interdisciplinary Training for Autism Researchers | \$219,574 | Q7.K | University of California, Davis |
| SFARI Undergraduate Summer Research Program | \$25,000 | Q7.K | The Regents of the University of California, Los Angeles |
| SFARI Undergraduate Summer Research Program | \$24,000 | Q7.K | California Institute of Technology |
| Research education and training | \$232,137 | Q7.K | University of California, Los Angeles |
| Leading Excellence for Academic Positions in Special Education (LEAPS) | \$249,930 | Q7.K | The Regents Of The University Of California -- Graduate School Of Education - Graduate School Of Education |
| 2014 GRC Molecular and Cellular Neurobiology Conference | \$0 | Q7.K | Gordon Research Conferences |
| ATN 2014 - Children's Hospital Los Angeles | \$101,502 | Q7.N | CHILDREN'S HOSPITAL OF LOS ANGELES |
| The Center for Autism & Developmental Disorders | \$69,340 | Q7.N | University of California, Irvine |
| PACT Infrastructure Contract | \$82,500 | Q7.P | University of California, Davis |
| Administrative Core | \$210,704 | Q7.Other | University of California, Los Angeles |
| Neuroimaging/Neurophysiology | \$193,070 | Q7.Other | University of California, Los Angeles |
| A Centralized Standard Database for the Baby Siblings Research Consortium | \$25,000 | Q7.O | University of California, Davis |
| A multidimensional database for the Simons Simplex Collection | \$0 | Q7.Other | University of California, Los Angeles |
| Diagnostic and recruitment | \$236,921 | Q7.Other | University of California, Los Angeles |
| Administrative Core/Leadership | \$90,133 | Q7.Other | University of California, Davis |
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| Building a Unified Research Agenda for K-12 Online Learning Environments to Improve STEM Outcomes for Students with Learning Disabilities and Students with Autism Spectrum Disorder | \$0 | Q7.Other | SRI International |
| Administrative Core | \$543,171 | Q7.Other | University of California, San Diego |
| ADAPTING ELECTRONIC MEDICAL RECORD TO MEASURE MEDICAL OUTCOMES IN ASD POPULATIONS | \$0 | Q7.Other | CHILDREN'S HOSPITAL RESEARCH CENTER |
| Facility Core: Analytical and Environmental Chemistry | \$110,969 | Q7.Other | University of California, Davis |
| Utilization of the Navigation Guide to Understand Environmental Exposures and Risk of ASD | \$50,908 | Q7.O | University of California, San Francisco |

